

1963
19 Nov 1963
Copy 4

TO: Chief, B 205 Division, NSA

FROM: [REDACTED]

Chief, CIA/PID (IPIC)

SUBJECT: Military Transmitting Sites, Kuang Chou, China

REFERENCE: (a) Requirement [REDACTED] 2-26/63
(b) CIA/PID Project C 1045-63

1. This memorandum is in response to your requirement dated 20 September 1963 requesting certain photographic materials of the Kuang Chou Complex, and a review of current photography.

The graphics and readouts requested for release to the [REDACTED] will be handled through CIA channels, as discussed with [REDACTED] NSASD/IPIC.

2. (a) Attached herewith are one each 9 by 16 print of the following listed graphics covering the Kuang Chou Complex as per your [REDACTED] [REDACTED]



(b) Also attached herewith are nine [REDACTED] of nine specific [REDACTED] within the Kuang Chou Complex.

- (1) Thick 8 navigation aid
- (2) Communications receiving station
- (3) Radar and AAA Site
- (4) Signal unit barracks and radio station
- (5) Military radio station No. 2
- (6) Previously reported military communications center
- (7) Suspect radio station
- (8) Kuang Chou Headquarters, South China Air Defense
- (9) Headquarters Kuang Chou military region

NGA Review Complete

SECRET



SUBJECT: Military Transmitting Station,
Huang Chou, China

17/12/63

(c) The thick eight navigation aid (Enlargement 1) is located at 23-07N 113-08E, 6 nm west of Huang Chou. The location appears on the topography as a cleared circular area 300 feet in diameter, and has one central building 30 by 30 feet in the center.

(d) The communications receiving station (Enlargement 2) is located at 23-07N 113-10E, 5 nm west of Huang Chou. The station appears as two secured areas 400 by 300 feet and 700 by 600 feet, 900 feet apart. The smaller of the two areas contains two cable road buildings. One building measures 100 by 100 feet with a gable roof shed 120 by 70 feet on one end. The second building measures 80 by 60 feet. Five 3-2-2-3 directional antennas and eight stick masts are oriented about this smaller compound.

The larger of the two secured areas contains 18 buildings varying in size from 150 by 70 feet to 35 by 20 feet. A possible fuel tank is located on the north end of the compound.

Orientation of the entire area suggests that the smaller of the two secured compounds is the receiving station, and the larger compound is support.

(e) A radar and AAA site (Enlargement 3) is located at 23-08N 113-14E, 3 nm northeast of Huang Chou. The site is at the top of a hill approximately two nm east of White Cloud Airfield. Small scale and obliquity of the photograph preclude identification of the radar. There are eight support buildings 1/2 nm east near the base of the hill on which the AAA is located.

(f) Signal unit barracks and radio station (Enlargement 4) is located at 23-08N, 113-16E. The unit consists of numerous barracks and administration type buildings, with a large radial area to the north. This radial area reveals the shadow of a tall single mast with one control building near the base of the antenna. A radial scan pattern indicates ground reflectors. A small control building and ground reflectors to the immediate south indicates a possible second antenna in this field.

(g) Suspect military radio station No. 2 (Enlargement 5) is located at 23-08N 113-15E. This station appears as a probable military area with an estimated 20 to 25 barracks and administration type buildings. Masts or shadows of masts are not visible on the photography.

(h) Suspect communications center (Enlargement 6) located at 23-05N 113-23E. The location referred to in SE 14-60 is on Whangou Island, approximately 8 nm east southeast of Huang Chou, and 1 nm west of the

SUBJECT: Military Transmitting Sites,
Kuang Chou, China

11/12 201/63

Kuang Chou Naval Base. This center cannot be confirmed to be either military or a communications center due to the lack of signatures of these installations.

(i) Kuang Chou radio station (Enlargement 7) located at 23-07N 113-17E, appears as two walled compounds. The first compound contains 18 buildings, one possible antenna and one possible cooling pond and two possible antennae.

(j) The Kuang Chou Headquarters, South China Air Defense District (Enlargement 8) is located at 23-04N 113-15E. The photography does not reveal any communication facilities in the immediate vicinity.

(k) Headquarters area of the Kuang Chou military region (Enlargement 9) is located at 23-07N 113-16E. The photography does not reveal any communications facilities in the immediate vicinity.

(l) An unidentified radar site, reported by DE 1-60, to be in the vicinity of 23-05N 113-17E is not revealed to be present on the photography.

(m) The foregoing report and the attached graphics are from [redacted] were unsuitable for this work [redacted] was found to be blurred photography and did not lend itself to interpretation, and the latter displayed complete cloud cover.

3. The photo analyst on this project was [redacted] and he may be contacted on code 143, [redacted] should you have any further questions concerning this project.

4. This project is considered to be complete.

Enclosures:

- 1 - One (1) set of 48 contact prints
- 2 - One (1) set of 9 enlargements

M/EB 501/63
19 November 1963
Copy 1

MEMORANDUM FOR: Chief, B 205 Division, NSA

25X1 ATTENTION: [REDACTED]

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Military Transmitting Sites, Kuang Chou, China

REFERENCES: (a) Requirement NSA/PO56/R-26/63
(b) CIA/PID Project C 1313-63

1. This memorandum is in response to your requirement dated 20 September 1963 requesting certain photographic materials of the Kuang Chou Complex, and a review of current photography.

25X1 The graphics and readout requested for release to the [REDACTED] will be handled through CIA channels, as discussed with [REDACTED] NPIC. 2

25X1 2. (a) Attached herewith are one each 9 by 18 prints of the following listed graphics covering the Kuang Chou Complex as per your request from [REDACTED]

(b) Also attached herewith are nine 7x enlargements of nine specific areas within the Kuang Chou Complex.

- (1) Thick 8 navigation aid
- (2) Communications receiving station
- (3) Radar and AAA Site
- (4) Signal unit barracks and radio station
- (5) Military radio station No. 2
- (6) Previously reported military communications center
- (7) Suspect radio station
- (8) Kuang Chou Headquarters, South China Air Defense
- (9) Headquarters Kuang Chou military region

25

SUBJECT: Military Transmitting Sites,
Kuang Chou, China

M/EB 501/63

(c) The thick eight navigation aid (Enlargement 1) is located at 23-07N 113-08E, 6 nm west of Kuang Chou. The location appears on the photograph as a cleared circular area 600 feet in diameter, and has one control building 30 by 30 feet in the center.

(d) The communications receiving station (Enlargement 2) is located at 23-07N 113-10E, 5 nm west of Kuang Chou. The station appears as two secured areas 400 by 300 feet and 700 by 600 feet, 900 feet apart. The smaller of the two areas contains two gable roof buildings. One building measures 100 by 100 feet with a gable roof shed 120 by 70 feet on one end. The second building measures 80 by 65 feet. Five 3-2-2-3 fishbone antennas and eight stick masts are oriented about this smaller compound.

The larger of the two secured areas contains 18 buildings varying in size from 150 by 70 feet to 30 by 20 feet. A possible POL tank is located on the north end of the compound.

Orientation of the entire area suggests that the smaller of the two secured compounds is the receiving station, and the larger compound is support.

(e) A radar and AAA site (Enlargement 3) is located at 23-10N 113-17E, 3 nm northeast of Kuang Chou. The site is at the west of a hill approximately two nm east of White Cloud Airfield. Small scale and obliquity of the photograph preclude identification of the radar. There are eight support buildings $\frac{1}{2}$ nm east near the base of the hill on which the AAA is located.

(f) Signal unit barracks and radio station (Enlargement 4) is located at 23-08N, 113-16E. The unit consists of numerous barracks and administration type buildings, with a large radial area to the north. This radial area reveals the shadow of a tall single mast with one control building near the base of the antenna. A radial scan pattern indicates ground reflectors. A small control building and ground reflectors to the immediate south indicates a possible second antenna in this field.

(g) Suspect military radio station No. 2 (Enlargement 5) is located at 23-08N 113-15E. This station appears as a probable military area with an estimated 20 to 25 barracks and administration type buildings. Masts or shadows of masts are not visible on the photography.

(h) Suspect communications center (Enlargement 6) located at 23-05N 113-23E. The location referred to in DE 14-60 is on Whampoa Island, approximately 8 nm east southeast of Kuang Chou, and 1 nm west of the

SUBJECT: Military Transmitting Sites,
Kuang Chou, China

M/EB 501/63

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(l) An unidentified radar site, reported by DE 14-60, to be in the vicinity of 23-05N 113-17E is not revealed to be present on the photography.

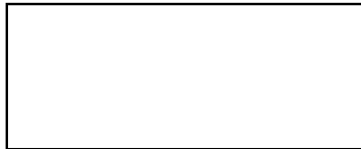
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6



6





25X1



25X1









17

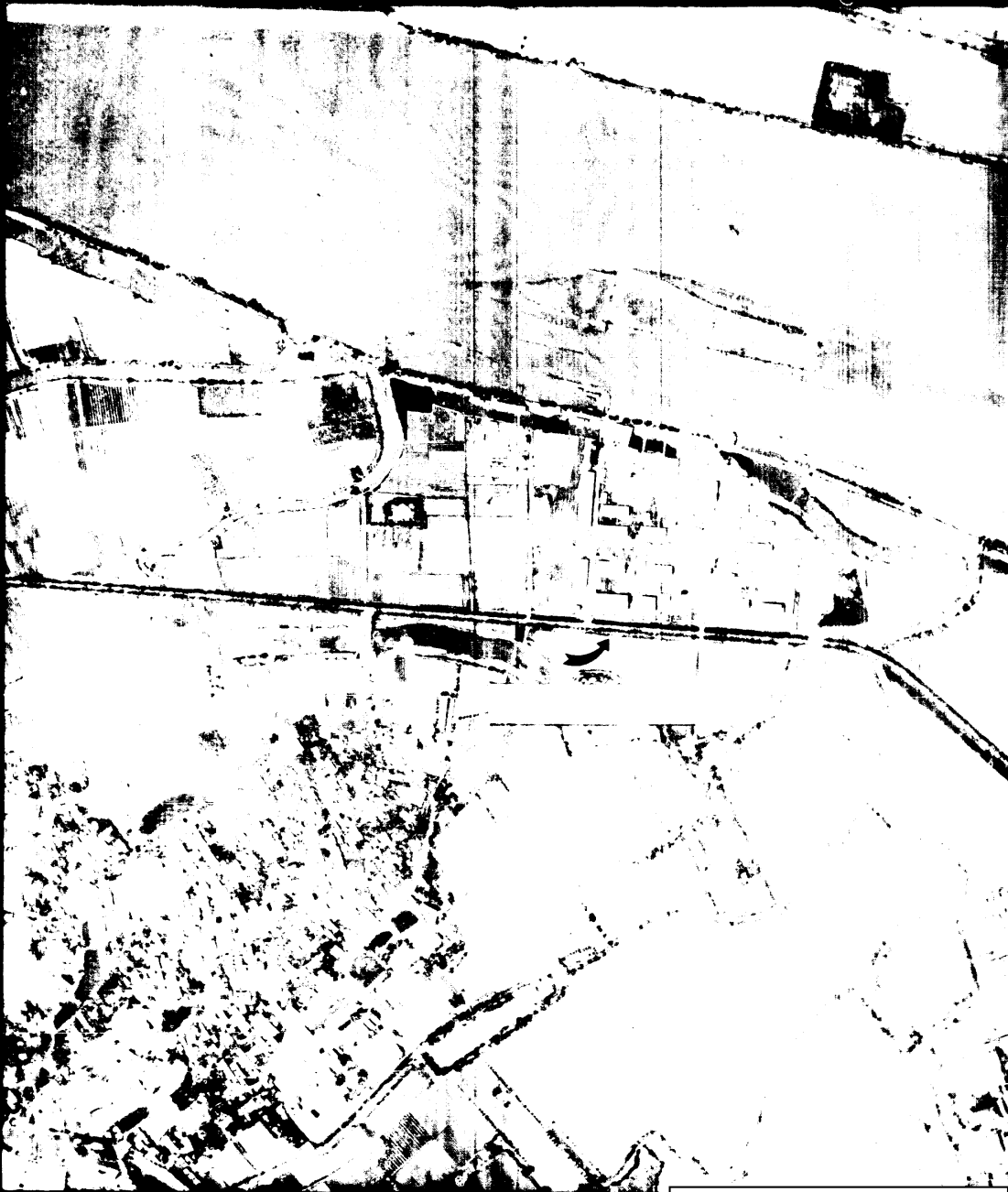


18



25X1

19



25X1

20









24



10
6



26

25X1

3399

25X1

27

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25X

3399

3400

5X1



3400

25X

3400

REF ID: A664155

30



3401

25X1

3401

25X

3401



32

FFIC Job No. 6K-4255

25X1

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25X1

33

3404

25X

3404

NPIC Job No. 64-4955

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X1

3405

X1

3405



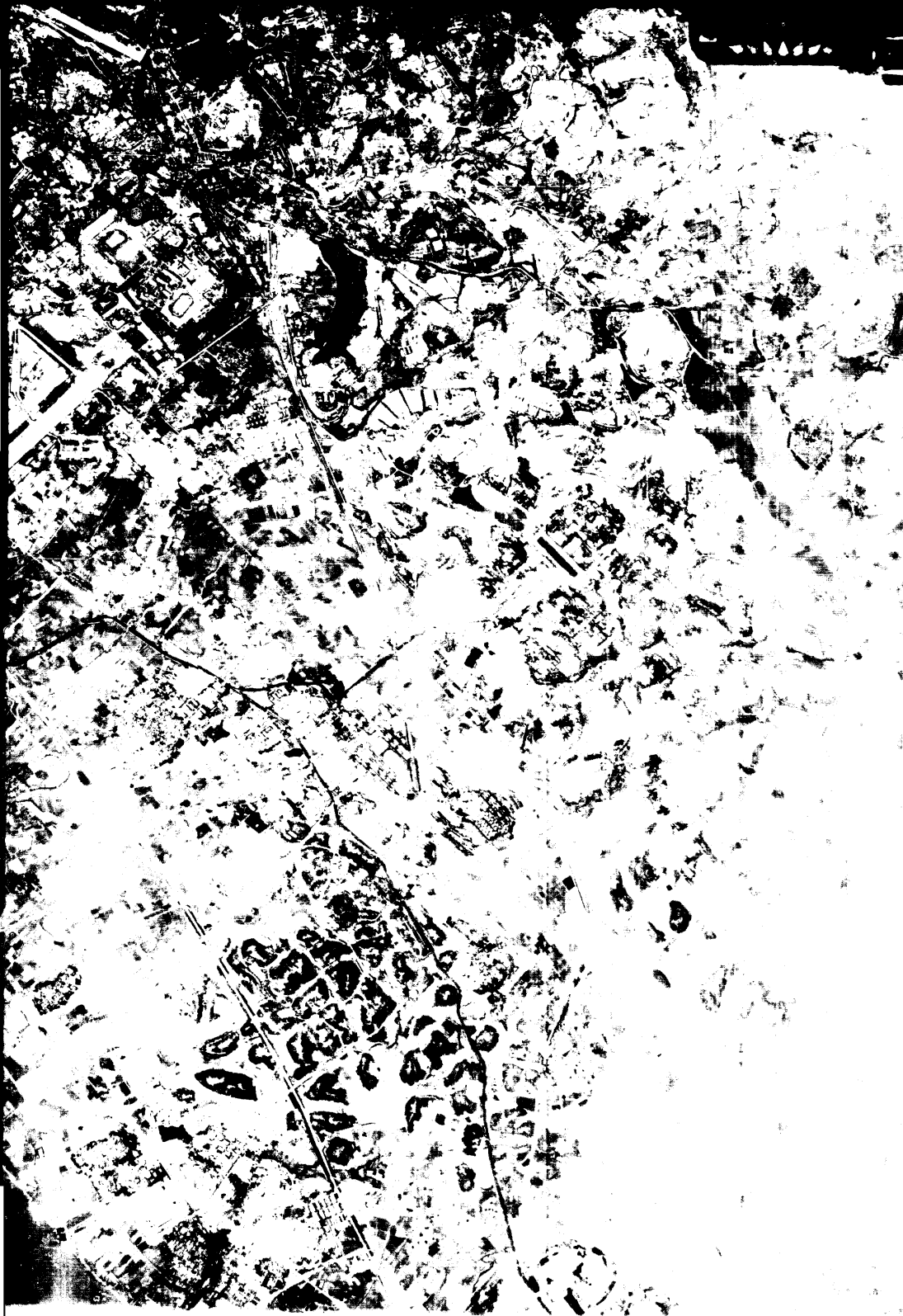
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3406

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3406



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NPIC Job No. 6K-4055

36



3409

39

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X1

3409

HTIC Job No. 64-4055

40

X1

3410

5X1

41

3410



X1

3410

NPIC Job No. 6K-4055

42

X1

3411

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3

3411



5X1

3411

NPTC Job No. 64-4055

44

X1

3414

X1

45



3414



X1

3414

NPIC Job No. 64-4055

46

5X1

3415

5X1

47

3415



X1

3415

NPIC Job No. 64-4055



X1

3416

X1

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5X1

3416

NPIC Job No. 64-4055

X1

3419

X1

51



3419



X1

3419

NPIC Job No. 64-4055

X1

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X1

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NPIC Job No. 64-4055

54

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3421

X1

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3421

NPIC Job No. 64-4055

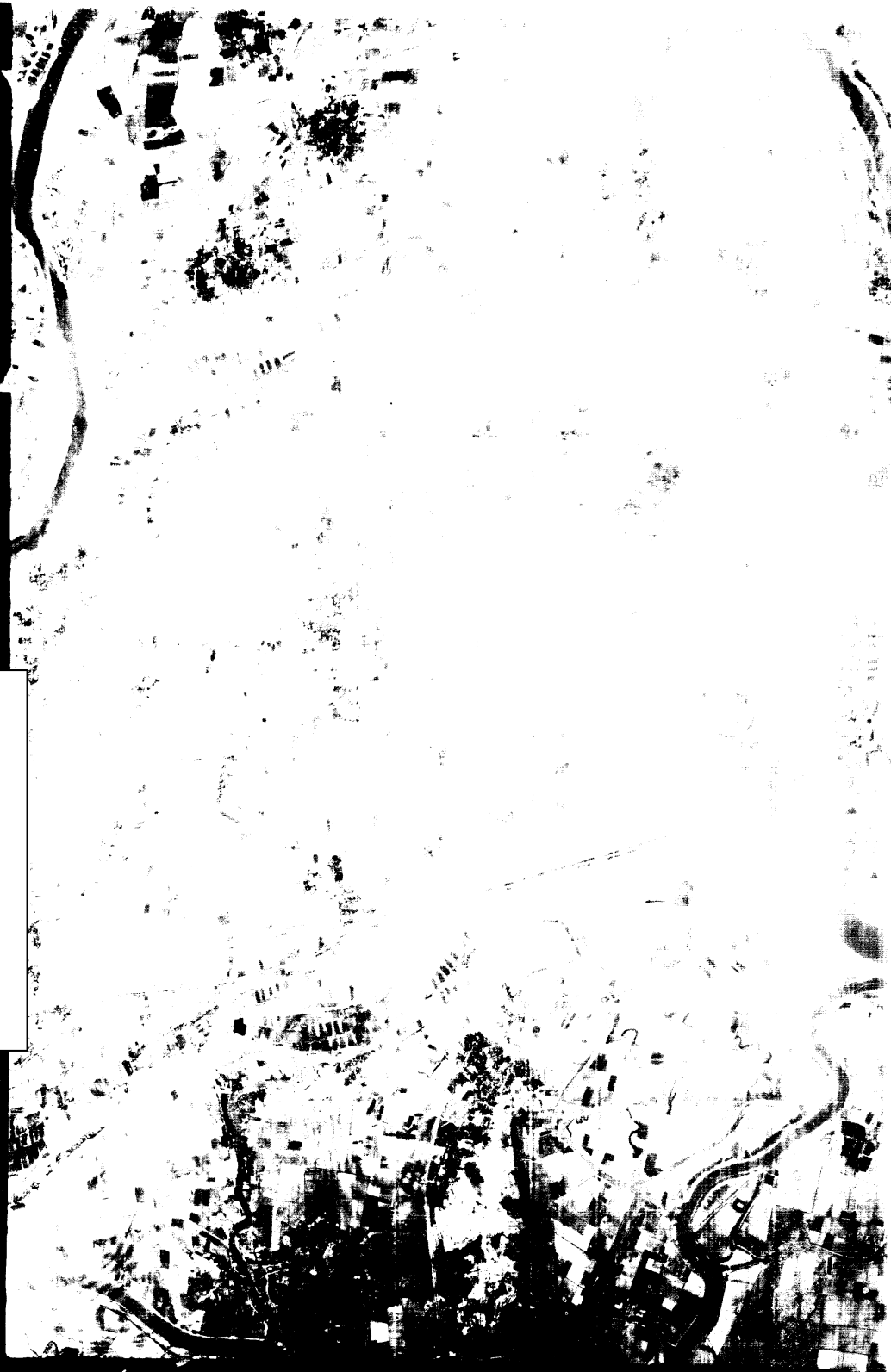
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57

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3425

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59

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X1

3425

NPIC Job No. 64-4055

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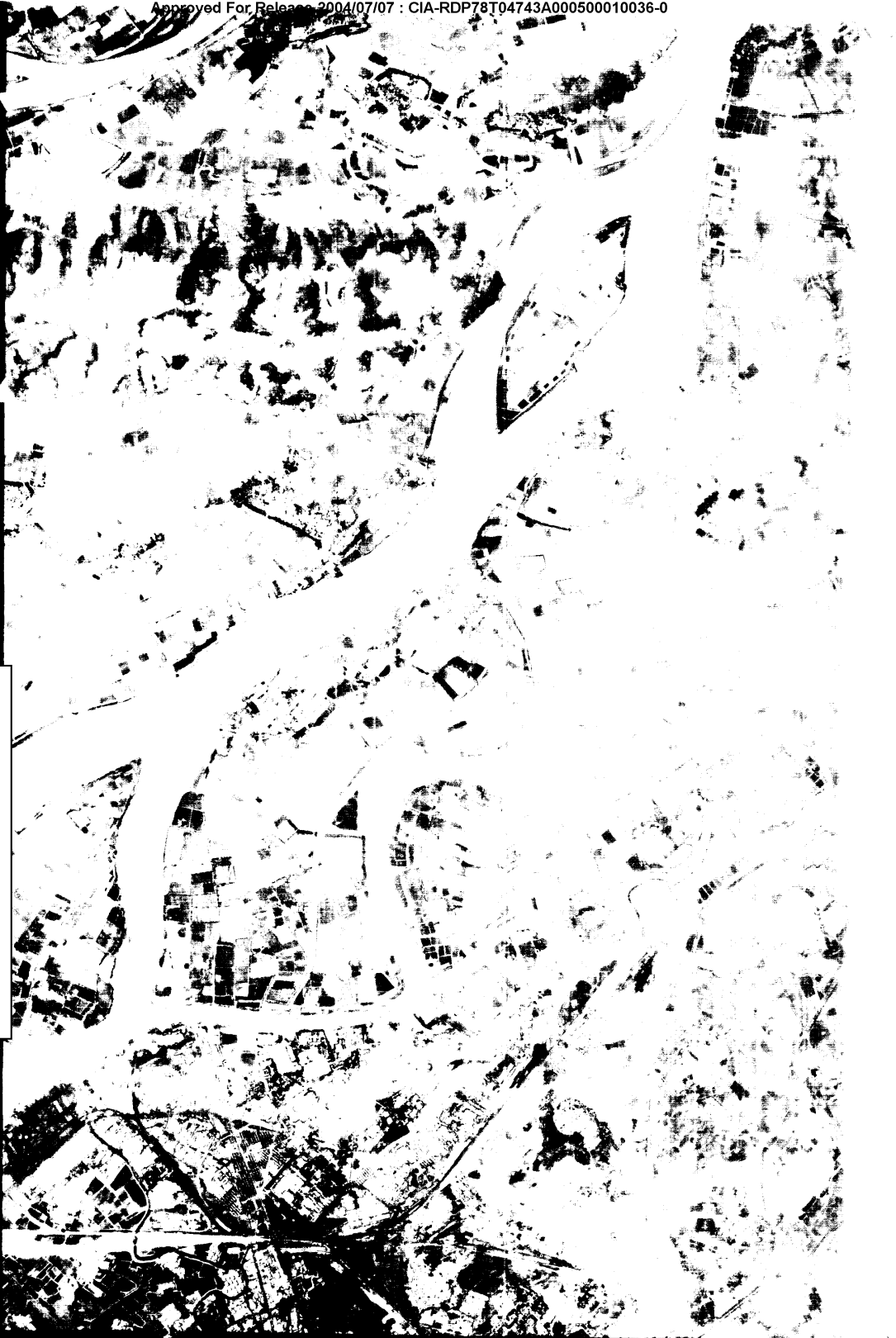
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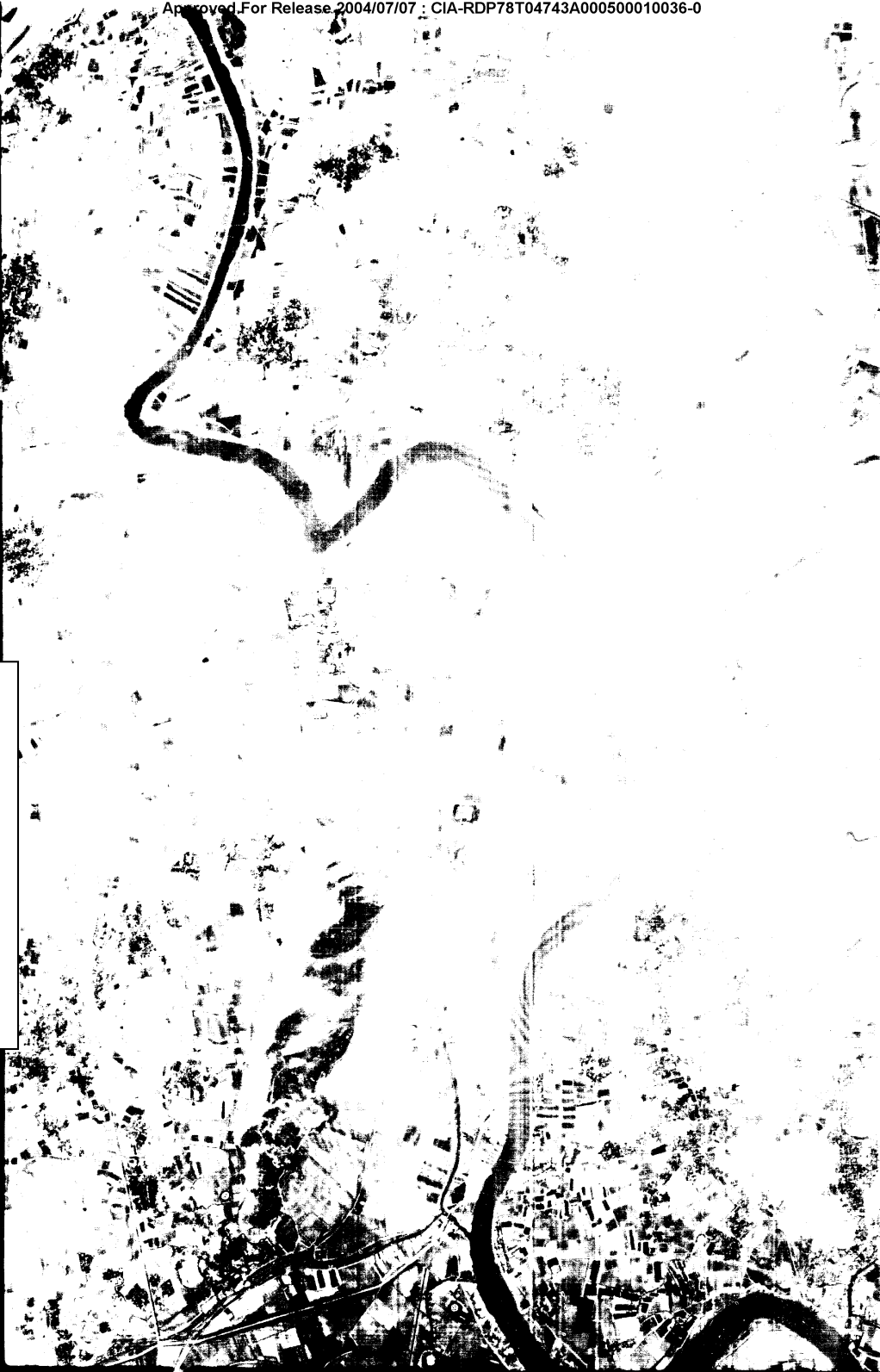
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NPIC Job No. 64-4055

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X1

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X1

65

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X1

3430

NPTC Job No. 64-4055

66

X1

3431

X1

67



3431



X1

3431

NPTC Job No. 64-4055

X1

3434

X1

67

3434

3434

NPIC Job No. 64-4055

70

X1

3435

3435

3435

NPIC Job No. 64-4055

72

X1

3436

X1

3436



3436

NPTC Job No. 64-4055

74



3436

75

3436



X1

3436

NPIC Job No. 64-4055

76



3425



X1

3435

NPIC Job No. 64-4055

76

5X1

3434

5X1

79

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3434

NPIC Job No. 64-4055

80



3431

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NPIC Job No. 64-4055

82



X1

3430

X1

83

3430



X1

3430

NPIC Job No. 64-4055

84

X1

3429

X1

85

3429



5X1

3429

NPIC Job No. 64-4055

86

5X1

3426

X1

87

3426



3426

NPIC Job No. 62-4755

88



X1

3425

X1

87

3425



3425

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3424

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NPIC Job No. 64-4055

92



93

3121



NPIC Job No. 64-4055

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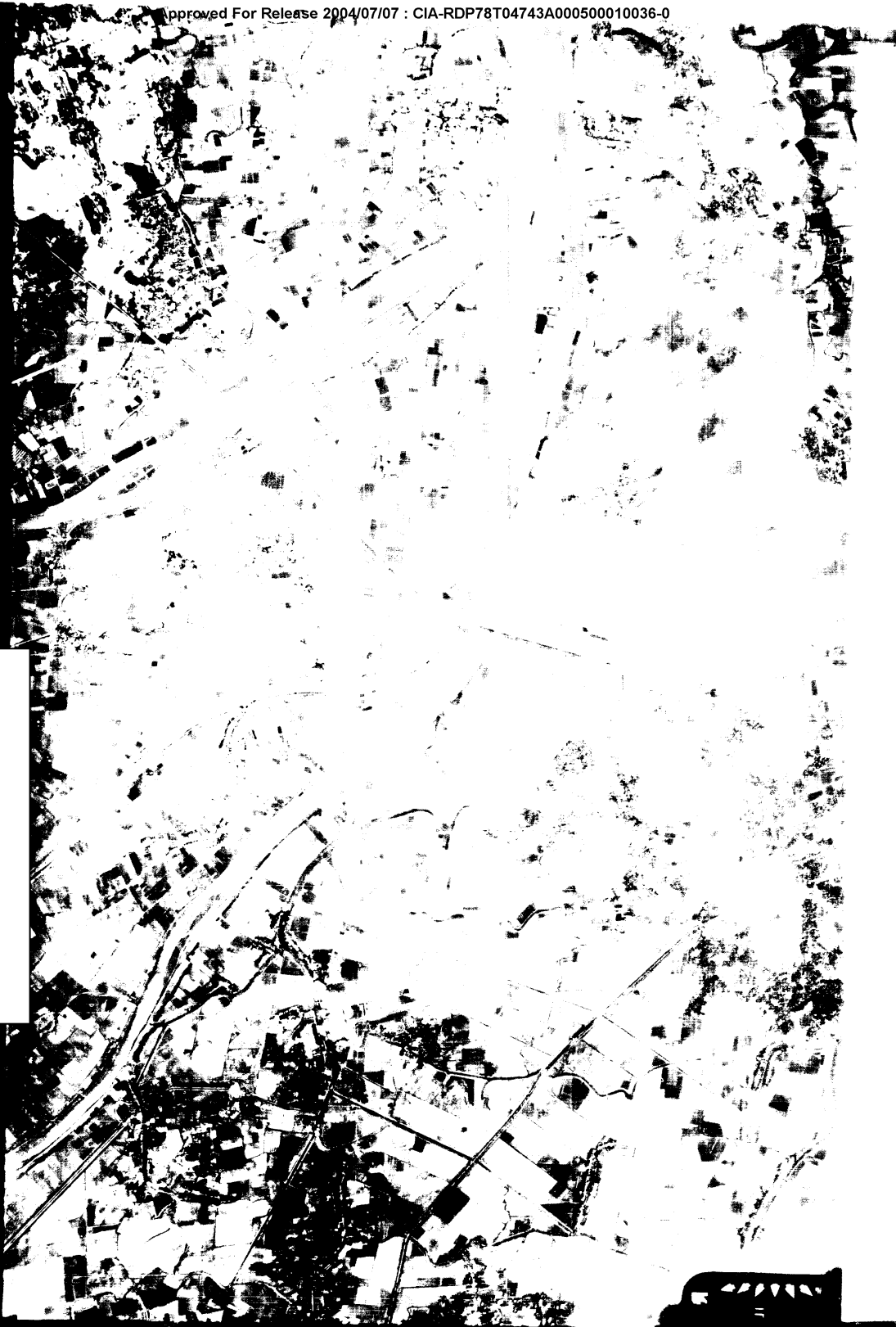
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NPTC Job No. 64-4055

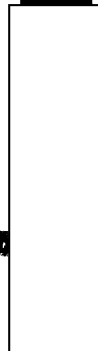
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NPTC Job No. 64-4055

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103

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3414

NPIC Job No. 64-4055

104

5X1

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X1

105



3411



X1

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NPIC Job No. 64-4055

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NPIC Job No. 64-4055

108



3409

109

3409

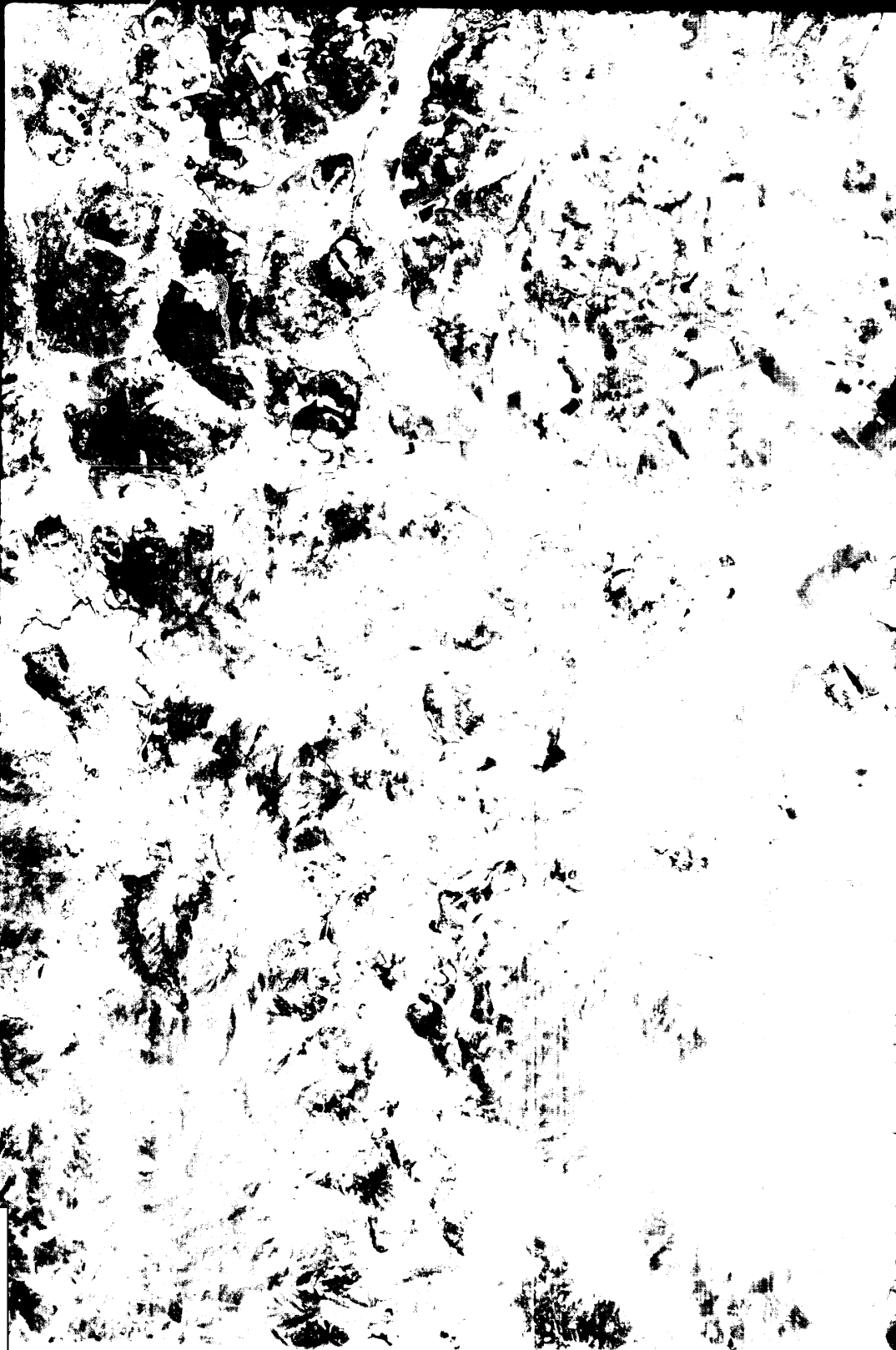


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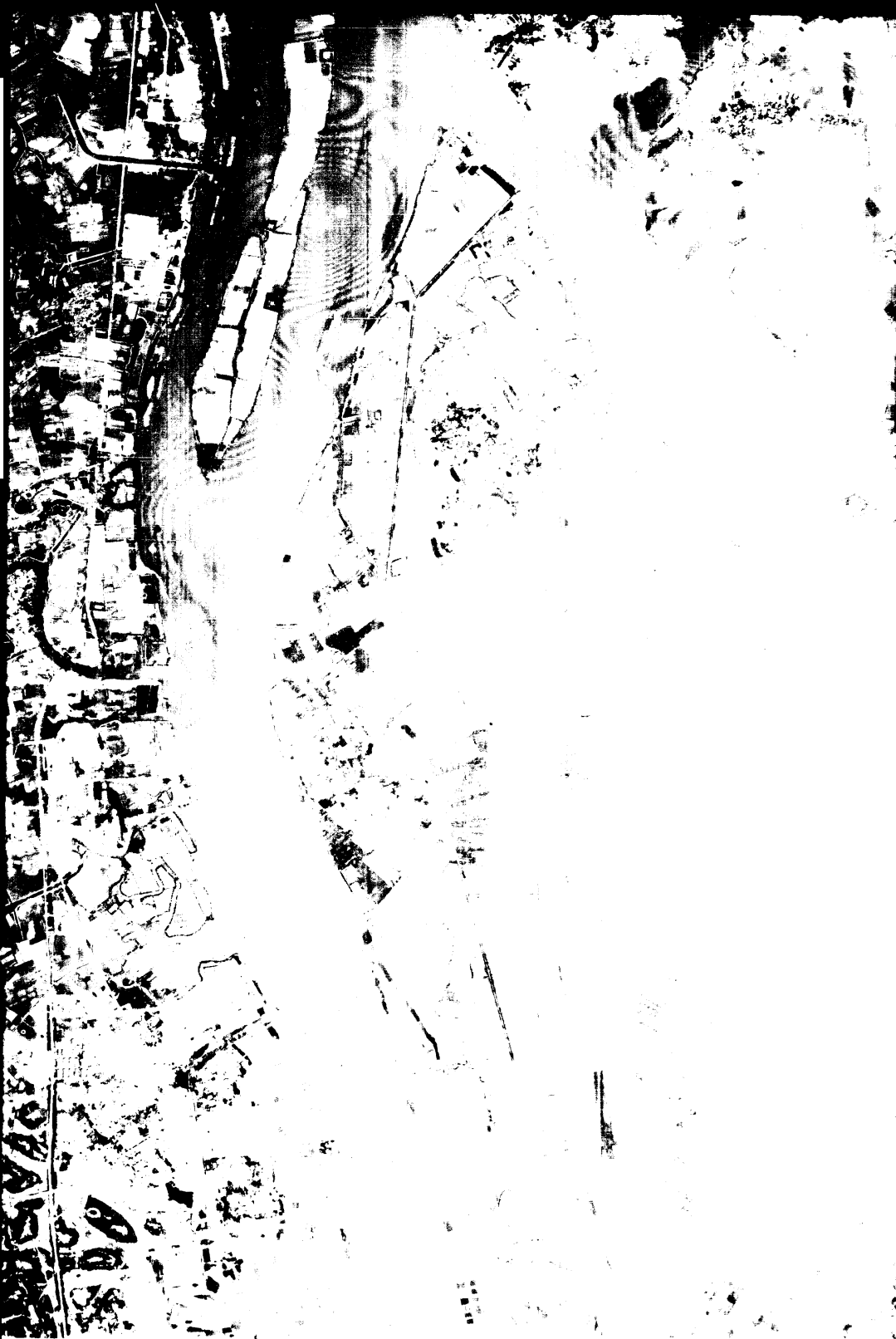
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113

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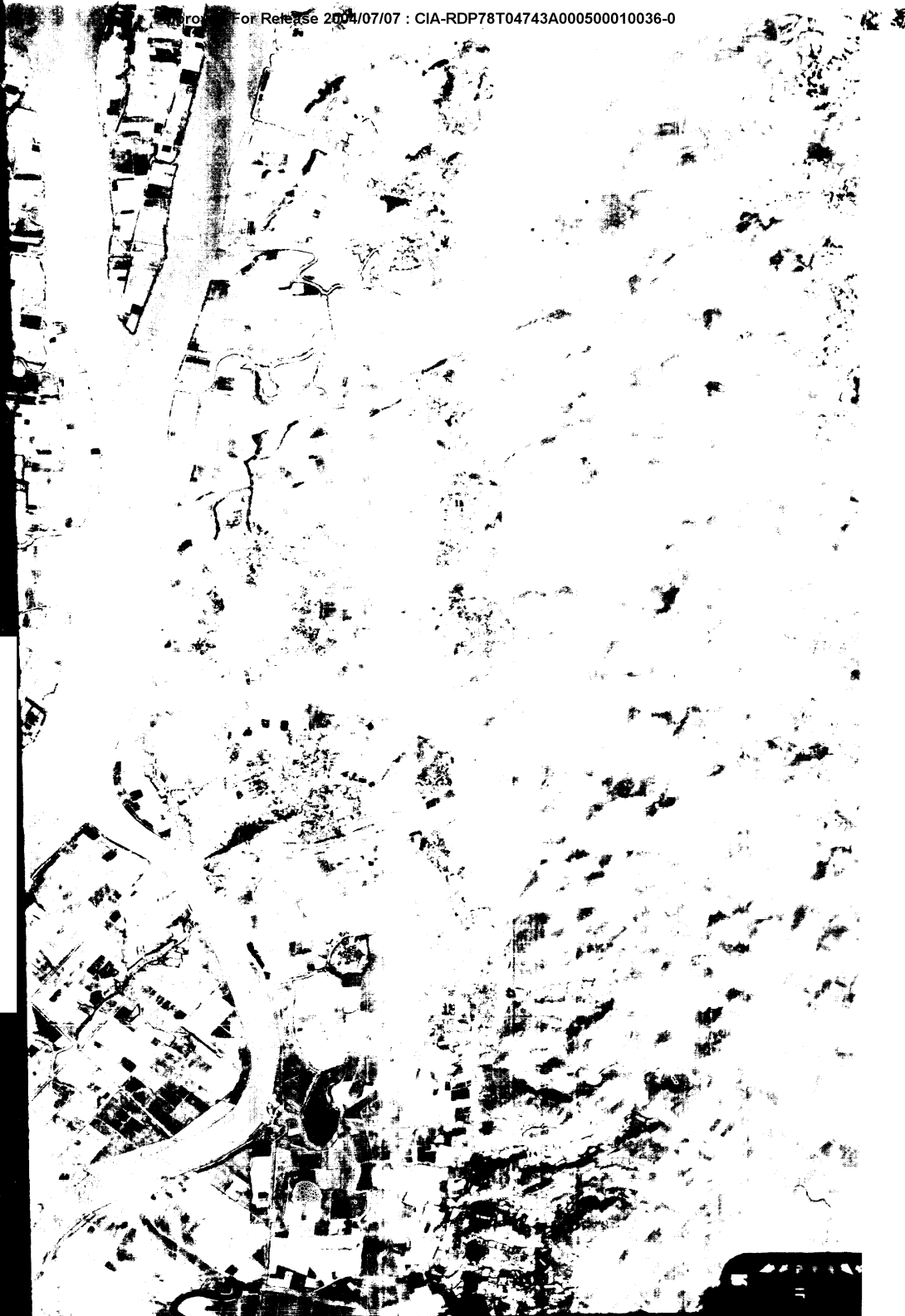
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3404

115

3404



3404

NPIC Job No. 64-4055



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3400

21

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189

3400



5X1

3400

NPTC Job No. 64-4055

120

X1

3399

X1



121

3399



3399

NPIC Job No. 64-4055

122